

DELPHION**RESEARCH****PRODUCTS****INSIDE DELPHION****Log Out** **Work Files** **Saved Searches**

My Account

Search: Quick/Number Boolean Advanced Derwent

The Delphion Integrated ViewGet Now: ☒ PDF | [More choices...](#)Tools: Add to Work File: [Create new Work File](#)View: [INPADOC](#) | Jump to: [Top](#) Go to: [Derwent](#)[Email](#)**Title: JP2001040438A2: SILVER ALLOY FOR DECORATION****Derwent Title:** Sulfidation-resistant, pink silver-copper alloys for decorative articles contain palladium and optionally indium or contain gold ([Derwent Record](#))**Country:** JP Japan**Kind:** A2 Document Laid open to Public inspection¹ (See also: [JP03228730B2](#))**Inventor:** NISHIHARA TAKANORI;**Assignee:** KYOCERA CORP
[News, Profiles, Stocks and More about this company](#)**Published / Filed:** 2001-02-13 / 1999-07-29**Application Number:** JP1999000215930**IPC Code:** C22C 5/06;**Priority Number:** 1999-07-29 JP1999000215930**Abstract:** PROBLEM TO BE SOLVED: To allow the alloy to exhibit a pinkish color and to prevent the phenomenon of local battery in living conditions by allowing it to contain specified weight ratios of silver, copper and palladium as the main components and moreover adding it with a specified weight ratio of platinum or gold.

SOLUTION: This silver alloy has a compsn. contg., by weight, 40 to 85% silver, 12 to 48% copper and 3 to 20% palladium and moreover added with one or more kinds of platinum up to 10% or gold up to 20%. Silver is the main component, copper is the component for imparting a pinkish color, and palladium and platinum are the components for preventing its local conversion into a battery in living conditions and also have the effect of improving its sulfidation resistance. When silver is added with copper and, though it is a two phase eutectic compsn., noble metals (palladium and platinum) are moreover added, the silver alloy for decoration capable of preventing its local conversion into a battery in living conditions can be obtd. It is cast by a lost wax method or the like and is worked as decorative members such as finger rings, pendants, necklaces and pierced earrings.

COPYRIGHT: (C)2001,JPO

INPADOC Legal Status: None **Get Now:** [Family Legal Status Report](#)**Family:** [Show 6 known family members](#)**Other Abstract Info:** CHEMABS 134(02)020262A [DERABS C2000-629958](#)